

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011919**Date Inspected:** 06-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Mr. Yu qi guo/Mr. Gong liang zhu			CWI Present:	Yes	No
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No N/A
				Delayed / Cancelled:	Yes	No N/A
Bridge No:	34-0006			Component:	Tower	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

Heavy dock jetty

1.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 068047 perform FCAW welding on, Skin B, bearing stiffeners inside south tower, Lift 1, weld joint identified as SSD1-SA 18-3. ZPMC CWI Identified as Mr. Yu qi guo. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2333-TC-P4-F.

Bay no. 10

2.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 052930 perform SMAW repair welding on, Spare strut splice plate, and weld joint identified as ED1-SA 3-18-89 m. ZPMC CWI Identified as Mr. Gong liang zhu. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-485-SMAW-2G (2F)-repair.

3.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040365 perform SMAW repair welding on, Lift 5 carriage beam, and weld joint identified as ND1-BPSA5-2-1-4A/B. ZPMC CWI Identified as Mr. Li lin. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-485-SMAW-2G (2F)-repair.(Photo attached)

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4. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 068047 perform SAW welding on, Spare strut flange plate, and weld joint identified as ED1-STSA4-123m-1-3A/B. ZPMC CWI Identified as Mr. Yu dong ping. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-4221-B-U3C-S-1. (Photo attached)

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest - 15000422360, who represents the Office of Structural Materials for your project.

Inspected By:	Baskar, Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
